L	Hits	Search Text	DB	Time stamp
Number				
1	40	(29/\$.ccls.) and (((punching or drilling) near	USPAT;	2004/03/22
		metal) same (holes or bores or openings or	US-PGPUB	10:51
		apertures))		
2	16	(29/\$.ccls.) and ((method near (cabinet or	USPAT;	2004/03/22
		framing or frame)) same metal)	US-PGPUB	10:52
-	127	@pd>20030901 and (248/110 or 248/152 or	USPAT;	2004/03/22
		248/176.1 or 248/351 or 248/357 or	US-PGPUB	10:48
		248/309.1 or 248/312 or 248/37.3 or 248/37.6		
		or 248/688 or 211/60.1 or 211/65 or 211/68		
		or 211/69.1 or 211/70.7 or 211/70.1 or		
İ	7059	15/248.1 or 15/167.1).ccls.		
•	7055	a47f007/00.ipc.	USPAT;	2004/03/08
			US-PGPUB;	16:42
į			EPO; JPO; DERWENT	
.	441	a46b017/00.ipc.	USPAT;	2004/03/08
		a caractivotipo	US-PGPUB;	16:42
			EPO; JPO;	10.72
			DERWENT	
-	358	a46b017/00.ipc. and (toothbrush or brush)	USPAT;	2004/03/08
		, , , , , , , , , , , , , , , , , , , ,	US-PGPUB;	16:43
			EPO; JPO;	
			DERWENT	
-	330	a46b017/08.ipc.	USPAT;	2004/03/08
			US-PGPUB;	16:43
			EPO; JPO;	
			DERWENT	
-	116	a47f007/00.ipc. and (toothbrush or brush)	USPAT;	2004/03/08
			US-PGPUB;	16:43
			EPO; JPO;	
			DERWENT	
•	1	("4064996").PN.	USPAT;	2004/03/11
	161	/motel mean/helless as Aska - 4 - 1 - 1	US-PGPUB	08:23
-	101	(metal near (hollow or tube or tubular)) same ((bore or hole or opening or aperture)	USPAT;	2004/03/11
		near (punch\$3 or drill\$3))	US-PGPUB; EPO; JPO;	08:24
	İ	near (panenyo or armyo))	DERWENT	
	8013	(hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
	<b></b>	opening\$1) near (collar\$1)	US-PGPUB;	08:39
1		jessing, actin (contact)	EPO; JPO;	00.00
			DERWENT	
	3	((metal near (hollow or tube or tubular))	USPAT;	2004/03/11
		same ((bore or hole or opening or aperture)	US-PGPUB;	08:25
		near (punch\$3 or drill\$3))) and ((hole\$1 or	EPO; JPO;	
		bore\$1 or aperture\$1 or opening\$1) near	DERWENT	
		(collar\$1))		
•	37	((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1)) same (metal	US-PGPUB;	08:26
		adj3 (tub\$4 or post\$1 or pole\$1 or stud\$1))	EPO; JPO;	
			DERWENT	

-	12	("1441394"   "1656856"   "1976019"	USPAT	2004/03/11
		"3082850"   "3776652"   "3999352"		08:26
	ļ	"4021988"   "4652169"   "4982545"		
		"5335411"   "5520475"   "5595453").PN.		
-	1	5839848.URPN.	USPAT	2004/03/11
į				08:28
-	6441	(metal near frame) same (tubular or hollow	USPAT;	2004/03/11
		or post\$1 or pole\$1 or stud\$1 or member\$1	US-PGPUB;	08:31
		or tube\$1)	EPO; JPO;	
			DERWENT	
-	10	((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1)) and ((metal near	US-PGPUB;	08:32
	Ì	frame) same (tubular or hollow or post\$1 or	EPO; JPO;	
		pole\$1 or stud\$1 or member\$1 or tube\$1))	DERWENT	
-	63	((metal near frame) same (tubular or hollow	USPAT;	2004/03/11
		or post\$1 or pole\$1 or stud\$1 or member\$1	US-PGPUB;	08:32
}		or tube\$1)) and ((bore\$1 or hole\$1 or	EPO; JPO;	
		opening\$1 or aperture\$1) near (boring or	DERWENT	
		drilling or punching))		
-	3	(((metal near frame) same (tubular or	USPAT;	2004/03/11
		hollow or post\$1 or pole\$1 or stud\$1 or	US-PGPUB;	08:33
		member\$1 or tube\$1)) and ((bore\$1 or	EPO; JPO;	
		hole\$1 or opening\$1 or aperture\$1) near	DERWENT	
		(boring or drilling or punching))) and		
		((hole\$1 or bore\$1 or opening\$1 or		
		aperture\$1) near (collar\$1 or flange\$1))		
-	60	(((metal near frame) same (tubular or	USPAT;	2004/03/11
		hollow or post\$1 or pole\$1 or stud\$1 or	US-PGPUB;	08:35
		member\$1 or tube\$1)) and ((bore\$1 or	EPO; JPO;	
ļ ī		hole\$1 or opening\$1 or aperture\$1) near	DERWENT	
<u> </u>		(boring or drilling or punching))) not		
		((((metal near frame) same (tubular or		
		hollow or post\$1 or pole\$1 or stud\$1 or		
	[	member\$1 or tube\$1)) and ((bore\$1 or		
		hole\$1 or opening\$1 or aperture\$1) near		
		(boring or drilling or punching))) and		
		((hole\$1 or bore\$1 or opening\$1 or		
		aperture\$1) near (collar\$1 or flange\$1)))		
-	235	((metal near frame) same (tubular or hollow	USPAT;	2004/03/11
		or post\$1 or pole\$1 or stud\$1 or member\$1	US-PGPUB;	08:35
		or tube\$1)) and cabinet	EPO; JPO;	
			DERWENT	İ
-	27	(((metal near frame) same (tubular or	USPAT;	2004/03/11
		hollow or post\$1 or pole\$1 or stud\$1 or	US-PGPUB;	08:38
		member\$1 or tube\$1)) and cabinet) and	EPO; JPO;	
		((rectangular or square) near (tube\$1 or	DERWENT	
	ĺ	post\$1 or pole\$1 or stud\$1 or member\$1 or		
		tubular))		
-	0	8970.URPN.	USPAT	2004/03/11
				08:37

-	980	metal near ((rectangular or rectangule or	USPAT;	2004/03/11
		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:39
		or member\$1 or tube\$1 or tubular\$1))	EPO; JPO;	
			DERWENT	
-	10816	((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1 or thread\$3 or	US-PGPUB;	08:40
		flange\$1 or shoulder\$1 or detent\$3)) and	EPO; JPO;	
		((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	
		opening\$1) near (punch\$3 or drill\$3))		
-	15	(metal near ((rectangular or rectangule or	USPAT;	2004/03/11
		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:42
		or member\$1 or tube\$1 or tubular\$1))) and	EPO; JPO;	00.42
		(((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	
		opening\$1) near (collar\$1 or thread\$3 or	DERWENT	
		flange\$1 or shoulder\$1 or detent\$3)) and		
		((hole\$1 or bore\$1 or aperture\$1 or		
		opening\$1) near (punch\$3 or drill\$3)))		
_	549	(metal near ((rectangular or rectangule or	HEDAT.	2004/02/44
	343	square\$1) adj3 (post\$1 or pole\$1 or stud\$1	USPAT;	2004/03/11
			US-PGPUB;	08:42
		or member\$1 or tube\$1 or tubular\$1)))	EPO; JPO;	
		same (attach\$3 or mak\$3 or connect\$3 or	DERWENT	
	36	fram\$3 or method)		
	36	((metal near ((rectangular or rectangule or	USPAT;	2004/03/11
		square\$1) adj3 (post\$1 or pole\$1 or stud\$1	US-PGPUB;	08:48
		or member\$1 or tube\$1 or tubular\$1)))	EPO; JPO;	
		same (attach\$3 or mak\$3 or connect\$3 or	DERWENT	
		fram\$3 or method)) and ((hole\$1 or bore\$1		·
		or aperture\$1 or opening\$1) near (drill\$3 or		
		boring or punch\$3))		
-	24	("0957344"   "1530675"   "2548038"	USPAT	2004/03/11
		"2630334"   "2808676"   "2842300"		08:43
		"3354573"   "3553767"   "3599277"		
		"3623187"   "3727723"   "3854168"		
		"3894313"   "4027357"   "4338703"		
		"4407391"   "4506411"   "4595078"		
		"4705179"   "4806063"   "4903372"		
		"4977643"   "5049110"   "5236386").PN.		
-	9	("0957344"   "1530675"   "2842300"	USPAT	2004/03/11
		"3727723"   "3854168"   "4407391"	·	08:44
		"4506411"   "4595078"   "4903372").PN.		
-	9	("0568028"   "2548038"   "2808676"	USPAT	2004/03/11
		"2941767"   "3354573"   "3553767"		08:44
		"3599277"   "3623187"   "3628759").PN.		
-	20	3854168.URPN.	USPAT	2004/03/11
			ĺ	08:44
-	18	5049110.URPN.	USPAT	2004/03/11
				08:45
-	2	6062974.URPN.	USPAT	2004/03/11
				08:46

	281	(((hole\$1 or bore\$1 or aperture\$1 or	HCDAT.	2004/03/11
-	201	opening\$1) near (collar\$1 or thread\$3 or	USPAT; US-PGPUB;	2004/03/11 08:49
		flange\$1 or shoulder\$1 or detent\$3)) and	EPO; JPO;	00:49
		((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	
		opening\$1) near (punch\$3 or drill\$3))) and	DERWENT	
		(metal near (posts or poles or studs or		
		·		
	400	tubes or tubular or members))		
-	180	((((hole\$1 or bore\$1 or aperture\$1 or	USPAT;	2004/03/11
		opening\$1) near (collar\$1 or thread\$3 or	US-PGPUB;	08:54
		flange\$1 or shoulder\$1 or detent\$3)) and	EPO; JPO;	
İ	:	((hole\$1 or bore\$1 or aperture\$1 or	DERWENT	!
		opening\$1) near (punch\$3 or drill\$3))) and		
		(metal near (posts or poles or studs or		
		tubes or tubular or members))) and		
		(punch\$3 or drilling or boring)		
-	24	(method adj2 (attaching or assembl\$3 or	USPAT;	2004/03/11
		securing or connecting or framing)) near	US-PGPUB;	09:00
		(metal adj3 (tubing or tubular or hollow or	EPO; JPO;	
		posts or poles or studs or members or	DERWENT	
		frames))		
-	215	(method adj2 (attaching or assembl\$3 or	USPAT;	2004/03/11
		securing or connecting or framing)) same	US-PGPUB;	09:00
		(metal adj3 (tubing or tubular or hollow or	EPO; JPO;	
		posts or poles or studs or members or	DERWENT	
		frames))	DERWEIT	
_	3	((method adj2 (attaching or assembl\$3 or	USPAT;	2004/03/11
	_	securing or connecting or framing)) same	US-PGPUB;	09:01
		(metal adj3 (tubing or tubular or hollow or	EPO; JPO;	09.01
		posts or poles or stude or members or	DERWENT	
		frames))) and (((hole\$1 or bore\$1 or	DEKAAEMI	
		aperture\$1 or opening\$1) near (collar\$1 or		
		thread\$3 or flange\$1 or shoulder\$1 or		
		_		
		detent\$3)) and ((hole\$1 or bore\$1 or		
		aperture\$1 or opening\$1) near (punch\$3 or		
	_	drill\$3)))		
-	7	(method near (securing or abutting or	USPAT	2004/03/11
		attaching or connecting or assembling))		09:03
		same ((tubular or hollow) near (posts or		
		poles or tubes or members or studs)) and		
		(metal near (tubes or posts or poles or		
		members or studs))		
-	57	(method near (securing or abutting or	USPAT	2004/03/11
	]	attaching or connecting or assembling))		09:04
		and ((tubular or hollow) near (posts or poles		
		or tubes or members or studs)) and (metal		
		near (tubes or posts or poles or members or		
		studs))		

-	0	((method near (securing or abutting or	USPAT	2004/03/11
		attaching or connecting or assembling))		09:03
		and ((tubular or hollow) near (posts or poles		
		or tubes or members or studs)) and (metal		
		near (tubes or posts or poles or members or		
		studs))) and (((hole\$1 or bore\$1 or		
		aperture\$1 or opening\$1) near (collar\$1 or		
		thread\$3 or flange\$1 or shoulder\$1 or		
		detent\$3)) and ((hole\$1 or bore\$1 or		
		aperture\$1 or opening\$1) near (punch\$3 or		
Ì		drill\$3)))		
-	0	((method near (securing or abutting or	USPAT	2004/03/11
		attaching or connecting or assembling))		09:05
		and ((tubular or hollow) near (posts or poles		
		or tubes or members or studs)) and (metal		
		near (tubes or posts or poles or members or		
	1	studs))) and ((openings or bores or holes or		
		apertures) near (collar\$1 or flanges or		
		drilling or punching))		
_	589	(method near (securing or abutting or	USPAT	2004/02/44
	-	attaching or connecting or assembling))	USPAI	2004/03/11
		and (metal near (tubes or posts or poles or		09:04
		members or stude))		
_	27	**		
_		((method near (securing or abutting or	USPAT	2004/03/11
	!	attaching or connecting or assembling))		09:06
		and (metal near (tubes or posts or poles or		
		members or studs))) and ((openings or		
		bores or holes or apertures) near (collar\$1		
	400	or flanges or drilling or punching))		
-	122	(method near (framing or assembling or	USPAT	2004/03/11
	1 1	connecting or securing)) same cabinet		09:07
-	64	((method near (framing or assembling or	USPAT	2004/03/11
	i	connecting or securing)) same cabinet) and		09:09
		(tubes or studs or poles or posts or		
		members) and metal		
-	0	(method adj3 (attaching or securing or	USPAT;	2004/03/11
		connecting or assembling)) near (metal adj3	US-PGPUB;	09:11
		(posts or members or studs or tubes or	EPO; JPO;	
		poles)) and ((punching or drilling) near	DERWENT;	
		(holes or openings or apertures or bores))	IBM_TDB	
		and (collar\$1 near (holes or openings or		
		bores or apertures))		
-	0	(method adj3 (attaching or securing or	USPAT;	2004/03/11
		connecting or assembling)) same (metal	US-PGPUB;	09:12
		adj3 (posts or members or studs or tubes or	EPO; JPO;	
		poles)) and ((punching or drilling) near	DERWENT;	
		(holes or openings or apertures or bores))	IBM_TDB	
		and (collar\$1 near (holes or openings or		
		bores or apertures))	1	

	T			
-	0	(method adj3 (attaching or securing or	USPAT;	2004/03/11
		connecting or assembling)) and (metal adj3	US-PGPUB;	09:12
		(posts or members or studs or tubes or	EPO; JPO;	
		poles)) and ((punching or drilling) near	DERWENT;	
		(holes or openings or apertures or bores))	IBM_TDB	
		and (collar\$1 near (holes or openings or		
		bores or apertures))		
-	0	method and (metal adj3 (posts or members	USPAT;	2004/03/11
		or studs or tubes or poles)) and ((punching	US-PGPUB;	09:12
		or drilling) near (holes or openings or	EPO; JPO;	
		apertures or bores)) and (collar\$1 near	DERWENT;	
		(holes or openings or bores or apertures))	IBM_TDB	
-	2	method and (metal adj3 (posts or members	USPAT;	2004/03/11
		or studs or tubes or poles)) and ((punching	US-PGPUB;	09:13
		or drilling) same (holes or openings or	EPO; JPO;	
•		apertures or bores)) and (collar\$1 near	DERWENT;	
	_	(holes or openings or bores or apertures))	IBM_TDB	
-	5	(method adj2 (securing or mounting or	USPAT;	2004/03/11
		attaching or connecting or assembling))	US-PGPUB;	09:14
		and (metal adj3 (posts or members or studs	EPO; JPO;	
		or tubes or poles)) and (collar\$1 near (holes	DERWENT;	•
		or openings or bores or apertures))	IBM_TDB	
•	82	(method adj2 (securing or mounting or	USPAT;	2004/03/11
		attaching or connecting or assembling))	US-PGPUB;	09:19
		and (metal adj3 (posts or members or studs	EPO; JPO;	
		or tubes or poles)) and ((drilling or	DERWENT;	
		punching) near (holes or openings or bores	IBM_TDB	
_	9	or apertures))		
-	9	((method adj2 (securing or mounting or	USPAT;	2004/03/11
ļ		attaching or connecting or assembling))	US-PGPUB;	09:20
		near (posts or members or studs or tubes or poles)) and ((drilling or punching) near	EPO; JPO;	,
1		(holes or openings or bores or apertures))	DERWENT;	
<u>-</u>	2293		IBM_TDB	
	2233	(rectang\$5 near (section or beam or stud or	USPAT;	2004/03/21
		channel or member)) near (tubular or hollow or tube)	US-PGPUB;	14:10
		or tube)	EPO; JPO;	
			DERWENT;	
_	91	((rectang\$5 near (section or beam or stud	IBM_TDB	2004/00/2
	31	or channel or member)) near (tubular or	USPAT;	2004/03/21
		hollow or tube)) and (punching or drilling)	US-PGPUB;	14:10
	]	nonom or tube;; and (punching or drilling)	EPO; JPO;	
			DERWENT;	
_	15710	(holes or openings or apertures or slots)	IBM_TDB	2004/02/24
		near (punching or drilling)	USPAT;	2004/03/21
		(Panoning of arming)	US-PGPUB;	14:10
			EPO; JPO;	
	]	j	DERWENT;	
_	15	(((rectang\$5 near (section or beam or stud	IBM_TDB	2004/02/04
	-5	or channel or member)) near (tubular or	USPAT;	2004/03/21
		hollow or tube)) and (punching or drilling))	US-PGPUB;	14:11
		and ((holes or openings or apertures or	EPO; JPO;	
		slots) near (punching or drilling))	DERWENT;	
		(Panening of arming))	IBM_TDB	

3

-	278	(method near (making or assembling or	USPAT;	2004/03/21	
		attaching or connecting or securing)) same	US-PGPUB;	14:13	
		((supports or beams or members or posts or	EPO; JPO;	*	
		poles or standards or studs) near (tubular or	DERWENT;		
		tubed or hollow))	IBM_TDB		ļ
-	14	(/me me me /making or assembling or	USPAT;	2004/03/21	
	-	attaching or connecting or securing)) same	US-PGPUB;	14:16	
		((supports or beams or members or posts or	EPO; JPO;		
		poles or standards or studs) near (tubular or	DERWENT:		
		tubed or hollow))) and ((holes or openings	IBM_TDB		
		or apertures or slots) near (punching or	_		
		drilling))			ĺ
-	57	((method near (making or assembling or	USPAT;	2004/03/21	-
		attaching or connecting or securing)) same	US-PGPUB;	14:19	
		((supports or beams or members or posts or	EPO; JPO;		
		poles or standards or studs) near (tubular or	DERWENT;		
		tubed or hollow))) and 29/\$.ccis.	IBM TDB		
-	13	("1911653"   "2507859"   "3535909"	USPAT	2004/03/21	
	İ	"4384840"   "4449281"   "4590655"	JOHAI	14:17	
		"4676088"   "4840053"   "4875270"		14:17	
		"5419171"   "5435163"   "5485737"			
		"5975405").PN.			-
-	7	2507859.URPN.	USPAT	2004/03/21	
	-	-	USFAI		
_	2	1911653.URPN.	USPAT	14:17	
	_	13 1 1333,3 KI KI	USPAI	2004/03/21	ı
_	1	("4036514").PN.	HODAT	14:18	
	•	( 4000014 ) (1.	USPAT;	2004/03/21	Ì
_	9	("2706134"   "2966373"   "2994933"	US-PGPUB	14:21	
		"3050786"   "3320106"   "3382121"	USPAT	2004/03/21	
		"3406988"   "3526683"   "3758916").PN.		14:19	
_	7	4036514.URPN.			
	•	4000014.0KFI4.	USPAT	2004/03/21	
	7	("2736949"   "3406988"   "3953059"		14:20	1
	<b>'</b> I	•	USPAT	2004/03/21	
		"3972548"   "3982564"   "3982777"   "4036544")		14:20	
_	26	"4036514").PN.			
_	26	((method near (making or assembling or	USPAT;	2004/03/21	
		attaching or connecting or securing)) same	US-PGPUB	14:28	-
		((supports or beams or members or posts or			
		poles or standards or studs) near (tubular or			
	_	tubed or hollow))) and 403/\$.ccls.			
-	7	(("0197667") or ("1455440") or ("1850803")	USPAT;	2004/03/21	
		or ("1892712") or ("2065915") or	US-PGPUB	14:30	
	_	("2290965") or ("2292799")).PN.			
-	3	2065915.URPN.	USPAT	2004/03/21	
	]			14:29	
-	15	((punching or drilling) near (holes or	USPAT;	2004/03/21	
	1	openings or apertures or slots or bores))	US-PGPUB	14:31	
	]	same (metal near (tubes or members or			
İ		studs or beams or channels or rails))			

-	7	((punching or drilling) near (holes or	USPAT;	2004/03/21
		openings or apertures or slots or bores))	US-PGPUB	14:32
		same (metal near (frames or framing or		
		frame))		

6 S